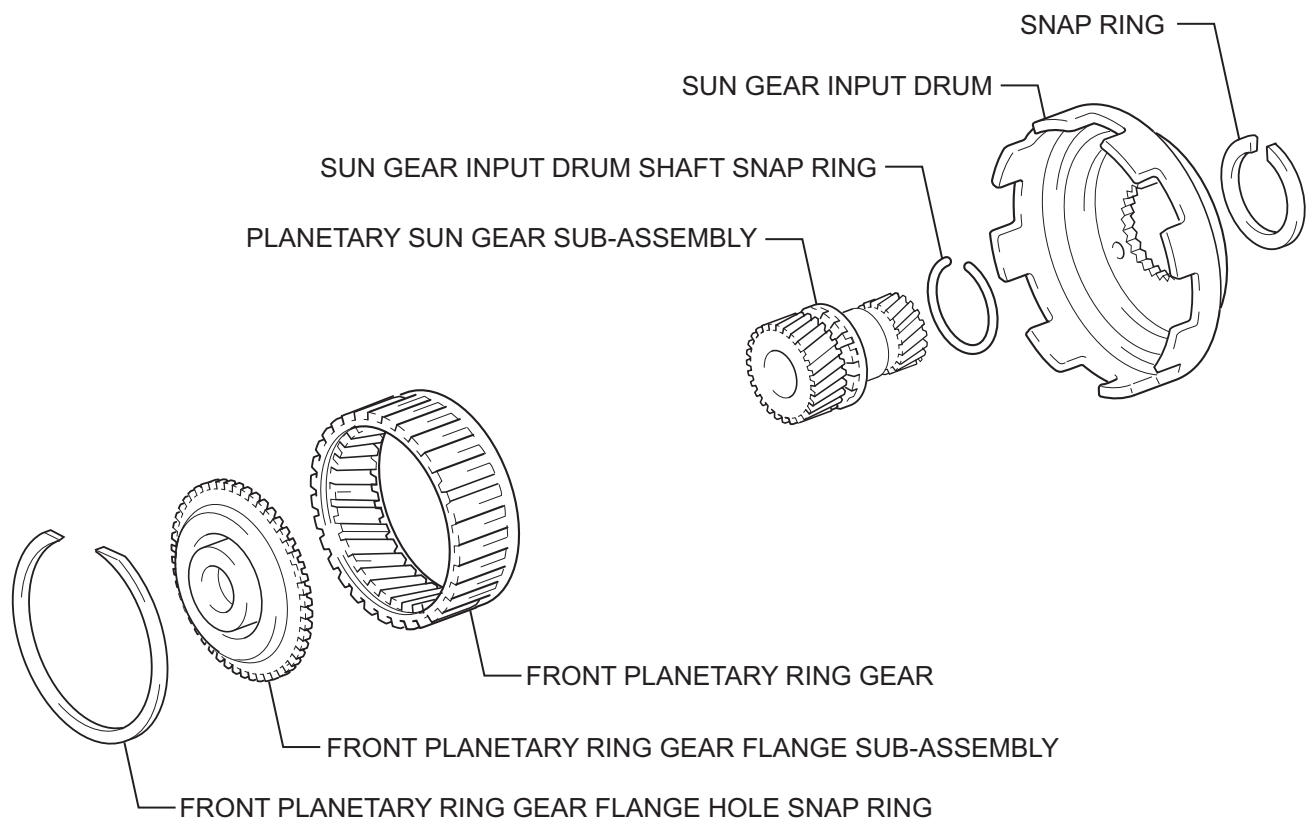
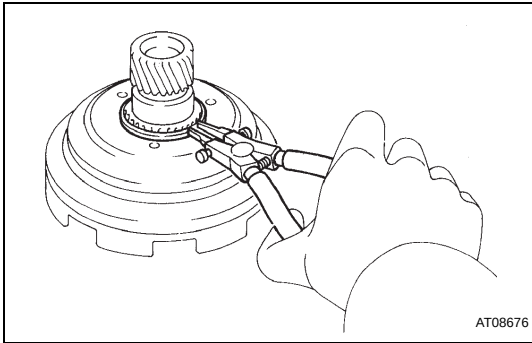


PLANETARY RING GEAR

COMPONENTS

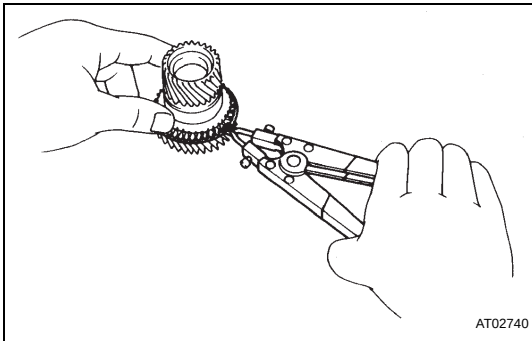


AX

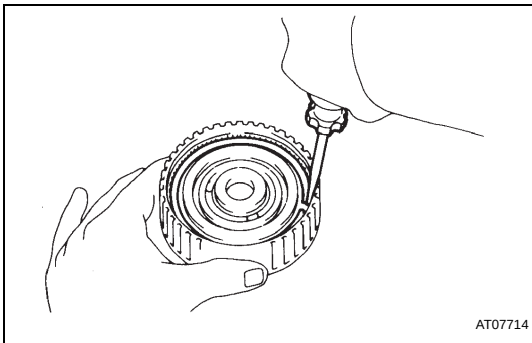


DISASSEMBLY

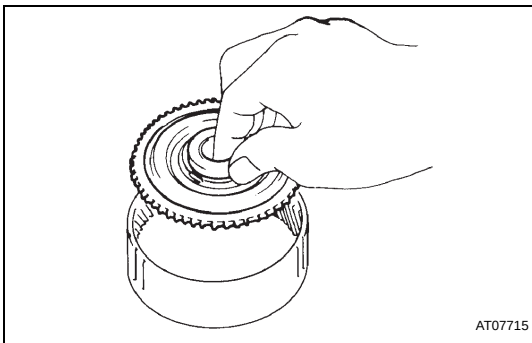
1. **REMOVE PLANETARY SUN GEAR SUB-ASSEMBLY**
 - (a) Using snap ring pliers, remove the snap ring from the planetary sun gear sub-assembly.
 - (b) Remove the planetary sun gear sub-assembly from the sun gear input drum.



2. **REMOVE SUN GEAR INPUT DRUM SHAFT SNAP RING**
 - (a) Using snap ring pliers, remove the sun gear input drum shaft snap ring from the planetary sun gear sub-assembly.



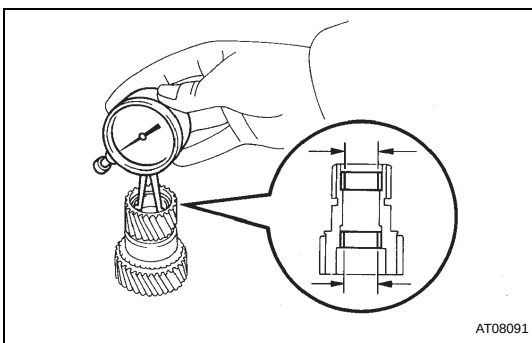
3. **REMOVE FRONT PLANETARY RING GEAR FLANGE HOLE SNAP RING**
 - (a) Using a screwdriver, remove the front planetary ring gear flange hole snap ring from the front planetary ring gear.

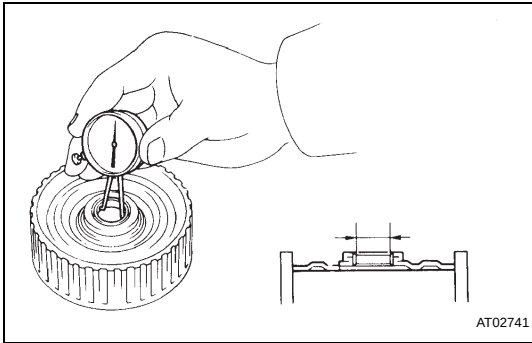


4. **REMOVE FRONT PLANETARY RING GEAR FLANGE SUB-ASSEMBLY**
 - (a) Remove the front planetary ring gear flange sub-assembly from the front planetary ring gear.
5. **INSPECT PLANETARY SUN GEAR SUB-ASSEMBLY** (See page [AX-208](#))
6. **INSPECT FRONT PLANETARY RING GEAR FLANGE SUB-ASSEMBLY** (See page [AX-209](#))

INSPECTION

1. **INSPECT PLANETARY SUN GEAR SUB-ASSEMBLY**
 - (a) Using a dial indicator, measure the inside diameter of the planetary sun gear sub-assembly.
Standard inside diameter:
 22.025 to 22.046 mm (0.86712 to 0.86795 in.)
Maximum diameter:
 22.096 mm (0.86992 in.)





2. INSPECT FRONT PLANETARY RING GEAR FLANGE SUB-ASSEMBLY

- (a) Using a dial indicator, measure the inside diameter of the front planetary ring gear flange sub-assembly bushing.

Standard inside diameter:

19.025 to 19.050 mm (0.74901 to 0.75000 in.)

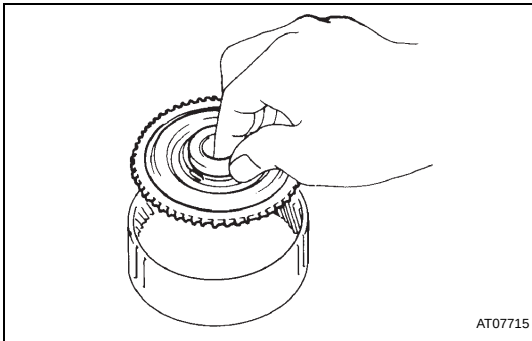
HINT:

If the inside diameter is greater than maximum, replace the front planetary ring gear flange sub-assembly.

REASSEMBLY

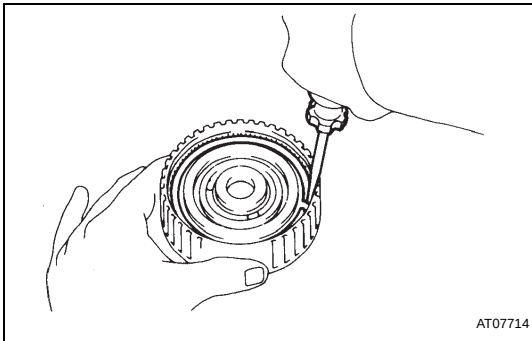
1. INSTALL FRONT PLANETARY RING GEAR FLANGE SUB-ASSEMBLY

- (a) Position the front planetary ring gear flange sub-assembly on to the front planetary ring gear.



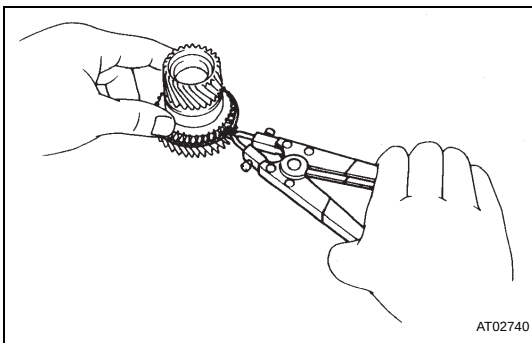
2. INSTALL FRONT PLANETARY RING GEAR FLANGE HOLE SNAP RING

- (a) Using a screwdriver, install the front planetary ring gear flange hole snap ring to the front planetary ring gear.



3. INSTALL SUN GEAR INPUT DRUM SHAFT SNAP RING

- (a) Using snap ring pliers, install the sun gear input drum shaft snap ring to the planetary sun gear sub-assembly.



4. INSTALL PLANETARY SUN GEAR SUB-ASSEMBLY

- (a) Install the planetary sun gear sub-assembly to the sun gear input drum.
- (b) Using snap ring pliers, install the snap ring to the planetary sun gear sub-assembly.

